

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul F. Reboa et al.

Confirmation N .:

Application No.:

Examiner:

Filing Date: Herewith

Group Art Unit: Unkn.

Title: LIGHT MODULATOR

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV409552421US

Date of Deposit Dec. 9, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Vernell Beal

Typed Name: Vernell Beal

Respectfully submitted,

Paul F. Reboa et al.

By

Scott A. Lund
Scott A. Lund

Attorney/Agent for Applicant(s)

Reg. No. 41,166

Date: Dec. 9, 2003

PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200210084-1	APPLICATION NO.	CONFIRMATION NO.
APPLICANT Paul F. Reboa et al.			
FILING DATE Herewith		GROUP Unkn.	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	4,660,938	04/1987	Kazan	
	1B	4,836,657	06/1989	Gunji et al.	
	1C	5,477,351	12/1995	Takahara et al.	
	1D	5,648,859	07/1997	Hirabayashi et al.	
	1E	5,694,189	12/1997	Nakamura et al.	
	1F	5,734,455	03/1998	Yoshida et al.	
	1G	5,745,281	04/1998	Yi et al.	
	1H	5,841,496	11/1998	Itoh et al.	
	1I	6,052,165	04/2000	Janssen	
	1J	6,072,553	06/2000	Mitsui et al.	
	1K	6,166,787	12/2000	Akins et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	"Liquid Crystal Used in Beam Steering Device", SPIE Web, OE Reports 180, December 1998, 3 pgs.
	1R	"Philips Demonstrates Video-Speed Electronic-Paper Technology Based on Electrowetting", Royal Phillips Electronics Press Information, September 25, 2003, 3 pgs.
	1S	Chappell Brown, "Electrowetting Touted for New Display Technology", EE Times, September 26, 2003, 2 pgs.

EXAMINER	DATE CONSIDERED
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PATENT APPLICATION

Sheet 2 of 2

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200210084-1	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT Paul F. Reboas et al.		
	FILING DATE Herewith	GROUP Unkn.	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	6,278,508	08/2001	Ogawa et al.	
	2B	6,323,834	11/2001	Colgan et al.	
	2C	6,380,995	04/2002	Kim	
	2D	6,563,559	05/2003	Noritake	
	2E	6,621,540	09/2003	Noritake et al.	
	2F	6,587,180	07/2003	Wang et al.	
	2G	6,473,492	10/2002	Prins et al.	
	2H				
	2I				
	2J				
	2K				

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	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	"Digital Microfluidics by Electrowetting", Duke University, November 7, 2003, pgs. 1-4.
	2R	Robert A. Hayes & B. J. Feenstra, "Video-Speed Electronic Paper Based on Electrowetting", Nature, Vol. 25, September 25, 2003, pgs. 383-385.
	2S	

EXAMINER	DATE CONSIDERED
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